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## PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to  
Patents and Designs

## THE PATENT OFFICE

## Patents and Designs

Calcutta, the 19th December 1959

## Special Notice

The following Groups of Abridgments of Patent Specifications have been published and copies thereof are available for sale with the Manager of Publications, Civil Lines, Delhi at Re. 1/- per copy.

Copies are also available for sale at the Counter of the Government of India Book Depot, 8, Hastings Street, Calcutta on cash payment.

## Group XXXIII

Metallurgy.

(Containing Abridgments of  
Patent Specifications between  
Nos. 30,001 and 35,000).

## Group LIII

Aircraft and ships.

(Containing Abridgments of  
Patent Specifications between  
Nos. 30,001 and 35,000).

## CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2, dated 31st October 1959—

In page 284, column 1, under the heading "Application for Patents"—

Against No. 69378—

for "Wilbot-Breeden Limited" read "Wilmot-Breeden Limited".

In page 288, column 1, under the heading "Renewal Fees Paid"—

for No. "51957" read No. "52957".

(2)

In the Gazette of India, Part III, Section 2, dated 7th November 1959—

In page 292, column 1, under the heading "Application Accepted"—

Against No. 64614—

for "Pharmazentische Fabrik Montavit Gesellschaft mit beschränkter Haftung".

read "Pharmazentische Fabrik Montavit Gesellschaft mit beschränkter Haftung".

(3)

In the Gazette of India, Part III, Section 2, dated 5th December 1959—

In page 322, column 1, under the heading "Application Accepted"—

Against No. 64174—

for "Accepted on 25th November 1959"

read "Accepted on 24th November 1959"

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## Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

3rd December 1959

69920. May & Baker Limited, New pyrazole derivatives. (3rd December 1958).

69921. Bombay Chemicals Private Ltd. Improved process for the recovery of vegetable oils from spent bleaching clays, spent bleaching carbons (including activated charcoals) or mixtures thereof and spent nickel catalyst, with reclamation of said bleaching clays, bleaching carbons, or mixtures thereof and of said spent nickel catalyst, in their respective active forms.

69922. G. FERRAND. Improvements in the manufacture of hollow bodies. (27th January 1959).

69923. Calumet & Hecla, Inc. Pressure differential tester.

69924. Abott Laboratories. Chemical process.

69925. Abbott Laboratories. Chemical process.

69926. Ciba Limited. Cyclic nitrogen compounds.

69927. Hokkaido Tanko Kisen Kabushiki Kaisha. Method and apparatus for producing continuously nitrohumic acids.

4th December 1959

69928. Saila Das Gupta. A process for production of sulphuric acid and soda from ammonium sulphate.

69929. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the production of synthetic resins.

69930. N. T. Kokje. An improved starting device for fluorescent tubes and the like.

69931. J. Dionisotti. Rock drilling tool.

69932. F. Reiterer, L. Windisch and J. Nifenecker. Improvements in or relating to fittings for carding or like machines.

69933. Dunlop Rubber Company Limited. Limiting device. (11th December 1958).

69934. The Permutit Company Limited. Improvements relating to apparatus for controlling the flow of liquids. (10th December 1958).

69935. Molins Machine Company Limited. Improvements in or relating to tobacco-manipulating apparatus. (5th December 1959).

69936. Ciba Limited. Process for the manufacture of arylsulpho-chlorides.

69937. Ciba Limited. Process for the manufacture of new glutarimides.

## 5th December 1959

69938. C. S. Venkatraman and H. S. Chohan. Improvements in or relating to the propulsion of marine crafts.
69939. General Electric Company. Method and apparatus for producing improved diamond crystals.
69940. Kamal Kumar Mitra. Electric meter.
69941. The English Electric Company Limited. Improvements in and relating to contact systems for electrical switchgear. (19th December 1958).
69942. F. Reiterer, L. Windisch and J. Nifenecker. A carding machine.
69943. Casablancas High Draft Company Limited. Improvements in or relating to creels. (30th December 1958).

## 7th December 1959

69944. P. V. Dehedkar. A rotary globe, which is a model of geographical instrument showing the day and night, seasons, eclipses, timings, etc; as a result of the rotation of the earth around the sun and of the moon around the earth.
69945. Contessa Corporation. Improved universal ribbon spool and the like for typewriters, teleprinters and the like.
69946. P. B. Menon. An improved three phase motor.
69947. P. B. Menon. An non-stop electric clock.
69948. Sushil Ranjan Das. A process for production of sulphuric acid and soda from ammonium sulphate.
69949. Shell Internationale Research Maatschappij N. V. polymerization process.
69950. Stamicarbon N. V. Process for the polymerization of  $\alpha$ -olefinic hydro-carbons containing at least three carbon atoms in the molecule. [Addition to No. 66595].
69951. Stamicarbon N. V. Process for the polymerization of  $\alpha$ -olefinic hydro-carbons containing at least three carbon atoms in the molecule.
69952. W. E. Heilmann. Improvements in or relating to sliding clasp fasteners.
69953. J. H. Fenner & Co. Limited. Improvements in or relating to flexible couplings. (19th September 1959).
69954. Daiwa Boseki Kabushiki Kaisha. An improvement of drafting system with an assistant roller in roving frame.
69955. Kordite Corporation. Process and apparatus for packaging meats and other articles.
69956. American Cyanamid Company. Nitrogen heterocycles and process for preparing same.
69957. K. N. Misra. Improvements in or relating to shifting or shifted tangency of elliptic or semi-elliptic type-bodies (Indian patent No. 41914) and the like for typewriters/teleprinters and allied machines: partially unrelated to a pre-determined unit of movement horizontal or rotatory.
69958. Montecatini Societa Generale Per L' Industria Mineraria E Chimica and K. Ziegler. Novel polymers.
69959. Standard Telephones and Cables Limited. Waveguide mode-suppressing filter. (3rd March 1959).
69960. Mrs. Edith Novak Vago and C. E. Schonopp. A rotary wing pump or compressor.
69961. Massey-Ferguson (India) Limited. Improvements relating to agricultural implements for supplying granular materials. (12th December 1958).
69962. Institut Francais Du Petrole Des Carburants Et Lubrifiants. Process for the manufacture of isoprene from 4,4-dimethylmetadioxane. (25th September 1959).
69963. Institut Francais Du Petrole Des Carburants Et Lubrifiants. Process for the manufacture of isoprene from 4,4-dimethylmetadioxane. (25th September 1959).

69964. Torkret G.m.b.H. Piston pump for the transport of highly viscous materials, in particular concrete. (11th February 1959).
69965. F. Höffmann-La Roche & Co. Aktiengesellschaft. Pyridine derivatives and process for the manufacture thereof. (18th December 1958).
69966. Ciba Limited. Cyclic amides and process for their manufacture.
69967. Ciba Limited. Sulfamyl-anilines and process for their manufacture.

## 8th December 1959

69968. N. S. Bhandari, R. S. Bhandari. Working out greater-benefit-life-insurance planning through the joint effect of two or more life insurance policies on the same life, issued by the insurers.
69969. American Cyanamid Company. Fluorinated steroids.
69970. Asahi Kasei Kogyo Kabushiki Kaisha. Coagulating bath apparatus suited for the production of cupro-ammonium man-made silk or staple fiber.
69971. Chas. Pfizer & Co., Inc. Pharmaceutical composition.
69972. Chas. Pfizer & Co., Inc. Therapeutically active amides, preparation thereof and compositions containing the therapeutically active amides.
69973. D. C. B. Limited. Improvements in or relating to ball pointed writing instruments. (6th August 1957). (Divisional date 4th August 1958).
69974. Imperial Chemical Industries Limited. New plastic films and methods for their production. (15th December 1958).
69975. Imperial Chemical Industries Limited. Improvements in and relating to urea compositions. (17th December 1958).
69976. Imperial Chemical Industries Limited. Chemical process. (17th December 1958).
69977. Societe Des Usines Chimiques Rhone-Poulenc. Production of cumene hydroperoxide.
69978. Columbian Carbon Company. Carbon black manufacture.
69979. Societe D'Electro-Chimie D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Process and apparatus for the production of metals of ferroalloys. (29th July 1959).
69980. D. M. King. Improvements in or relating to wheels or rollers. (9th December 1958).
69981. Slydang Limited. Improved structures incorporating section strut material.
69982. Metropolitan-Vickers Electrical Company Limited. Improvements in and relating to biasing devices, such as used relays. (10th December 1958).
69983. Egyesult Izzolampa Es Villamossagi Reszvenytarsasag. Improvements in grids for electron tubes. (23rd October 1959).
69984. Institut Francais Du Petrole Des Carburants Et Lubrifiants. Process for the manufacture of isoprene from 4,4-dimethylmetadioxane. (25th September 1959).
69985. Institut Francais Du Petrole Des Carburants Et Lubrifiants. An improved method for the continuous selective hydro-treatment of crude petroleum in the liquid phase. (12th October 1959).

## 9th December 1959

69986. Council of Scientific and Industrial Research. Improvements in or relating to aluminium paints.
69987. B. N. Jayaram. The improvement in design for a domestic hot water boiler or novel design of hot water boiler for domestic use.
69988. Chas. Pfizer & Co., Inc. Tetracycline derivatives and preparation thereof.
69989. Glaxo Laboratories Limited. Antibiotic compositions. (23rd December 1958).

69990. The British Oxygen Company Limited. Manufacture of arc welding electrodes. (24th December 1958).
69991. J. R. Geigy A-G. Process for the production of red-pigmented high molecular materials.
69992. The Norwich Pharmacal Company. Improvements in or relating to the manufacture of derivatives of 5-nitrofurran. (15th October 1959).
69993. N. S. Yurieff. Complex four way union cupling.
69994. V. M. J. Ancet and M. Fayolle. Improvements in shuttleless looms.
69995. V. M. J. Ancet and M. Fayolle. Improvements in selvage producing devices, specially designed for shuttleless looms.
69996. Ciba Limited. Improvements in and relating to the production of photographic color records by the silver-dye bleaching process.
64158. Imperial Chemical Industries Limited. Process for the manufacture of new monoazo dyestuffs. (5th June 1957). [Addition to No. 55846]. Accepted on 23rd November 1959.
- Interacting cyanuric halide and an amino azo compound.*
64264. Merck & Co., Inc. Process for the recovery of aromatic hydrocarbons from hydrocarbon mixtures containing the same. (26th June, 1957). Accepted on 3rd December 1959.
- Contacting hydrocarbon mixture with 2:5-dihydroxymethyl tetrahydro furan and recovering the aromatic constituents from the solvent.*
64265. Olin Mathieson Chemical Corporation. Synthesis of steroids. Accepted on 3rd December 1959.
- Reducing and subsequently dehydrobrominating 12  $\alpha$  -bromopregnane-3  $\alpha$  -ol-11, 20-dione.*

#### Alteration of Date

65089. The claim to priority date 30th August 1957 has been abandoned and the application dated as of 29th August 1958, the date of filing in India.
67585. Ante-dated to 17th June 1958, under Section 5 of the Act.
67924. Ante-dated to 5th May 1958, under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

63377. Tecalemit Limited. Improvements in filter elements and the construction thereof. (15th March 1957). Accepted on 5th December 1959.

*With at least one centrally apertured thermoplastic disc attached to one end of filter element.*

63391. Schering Aktiengesellschaft. N-acyl derivatives of (3:5-diamino-2:4:6-triiodobenzoyl)-amino acids and X-ray contrast media containing the same. Accepted on 4th December 1959.

*3:5-dinitrobenzoylating amino acid corresponding to (3:5-diamino-2:4:6-triiodobenzoyl)-amino acid acylating reducing, 10 divating acid acylating reaction product in chain.*

63408. F.P. Research Limited. Improvements in or relating to artificial fibres. Accepted on 5th December 1959.

*By extruding through a spinneret a viscous solution containing protein and at least one polysaccharide having strongly acidic side groups and coagulating the same.*

63409. F.P. Research Limited. Improvements in and relating to protein compositions. Accepted on 5th December 1959.

*The composition comprised a protein fibre and a binder consisting of a complex of a binder protein and a polysaccharide.*

64261. Graviner Manufacturing Company Limited and Wilkinson Sword Limited. Improvements in or relating to radiation detection and indicating devices. (14th June 1957). Accepted on 3rd December 1959.

*Comprising a number of radiation detection devices each arranged to receive radiation of predetermined kind from a different part of an area or volume which is to be monitored a number of indicating devices, and means for electrically connecting each of detection devices.*

64284. Sulzer Freres, Societe Anonyme. Construction and manufacture of electrically-driven fan sets. Accepted on 4th December 1959.

*Characterised by atleast one pedestal intended to take a bearing assembly for fan runner.*

64296. The Firestone Tire & Rubber Company. Improvements in or relating to vehicle wheels. (25th March 1958). Accepted on 5th December 1959.

*Comprising a central disc portion and a tire rim, rim securing means attached to the peripheral edge means including fixed brackets disposed substantially diametrically opposite jack screws.*

64300. American Home Products Corporation. Skin treatment composition. Accepted on 7th December 1959.

*Consists of aqueous garlic extract and castor oil.*

64302. N. V. De Bataafsche Petroleum Maatschappij. Fungicidal, coating compositions. Accepted on 7th December 1959.

*Comprising a hydrocarbon oil a bituminous substance and/or a wax and less than 2.5 per cent of a fungicide.*

64303. The General Electric Company Limited. Improvements in or relating to grilling apparatus. (14th June 1957). Accepted on 7th December 1959.

*Wherein supporting the grill pan, a slidable carriage is slidable from a position where it is beneath the grilling means to a position clear of the said means.*

64419. Standard Telephones and Cables Limited. Improvements in or relating to printed circuits. (16th August 1957). [Addition to No. 61752]. Accepted on 4th December 1959.

*Shaping or planing tool used in the manufacture of "printed" circuits.*

64827. F. D. Pudumjee. Improvements in or relating to the production of bleached pulp for the manufacture of paper and for like purposes. Accepted on 4th December 1959.

*Mixing fibrous raw material with aqueous solution of chloride and subjecting the Mixture to electrolysis.*

64554. Council of Scientific and Industrial Research. A bearing. Accepted on 5th December 1959.  
*Inner surface of bush is made conical and wherein is provided a correspondingly coned shaft adapted to rotate within said bush.*
64619. Sukumar Bose. An improved javelin for athletic purposes. Accepted on 4th December 1959.  
*A longitudinal tubular or cylindrical body of aluminium, the front portion fitted with hollow cone-shaped point of iron or iron alloy, the rear portion tapered and cord grip provided at the centre of gravity of the javelin.*
64673. Gebr. Stork & Co.'s Apparatenfabriek N. V. A method of rinsing yarns and fabrics in the form of skeins. Accepted on 4th December 1959.  
*Yarns and fabrics in the form of a skein passed over atleast one reel and by means there through a bath of rinsing liquid located beneath said reels.*
64691. Organon Laboratories Limited. New compounds of the oestrane series and process for the preparation thereof. Accepted on 3rd December 1959.  
*Wherein hydrochloric acid is added to the double bond of  $\Delta^4$ -oestrone compound and the compound obtained is treated with a basically reacting dehydro-halogenating agent.*
64745. Stamicarbon N. V. A process for the production of aromatic hydrocarbons with reduced thiophene content. Accepted on 9th December 1959.  
*Passing sulphuric acid and hydrocarbon liquid continuously and in countercurrent through a column filled with packing bodies the hydrocarbon liquid passing upwardly through the column and pulsating the liquids during their passage through the column.*
64773. Imperial Chemical Industries Limited. Improvement in or relating to the production of synthetic elastomers. (8th August 1957). [Addition to No. 63727]. Accepted on 3rd December 1959.  
*By carrying out between the mixing stage and the curing stage of the process disclosed in patent application No. 63727, a chilling step and a fabrication step.*
64784. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Carbamates of disubstituted 1, 3-butanediols and process for the preparation thereof. Accepted on 8th December 1959.  
*Comprising transforming a disubstituted butanediol into the corresponding mono-carbamate by treating the said diol either first with phosgene and then with ammonia or first with an ester of a haloformic acid and then with ammonia or with an amide of a haloformic acid.*
65089. The British Petroleum Company Limited. New polyesters and their method of preparation. Accepted on 7th December 1959.  
*Reacting acid  $\text{HooCR}$ ,  $\text{CooH}$  or anhydrides thereof of saturated alcohol  $\text{RoH}$  with molecular proportion exceeding of acid 2-methyl-2 ethyl-1:3-propanediol, when  $R$  is alkyl group with 4-18 C-atoms and  $R_1$  is alkylene group of 2-14 C-atoms.*
65277. Farbwerke Hoechst Aktiengesellschaft, vormals Meister Lucius & Bruning. Manufacture of solid, stable diazonium compounds. Accepted on 8th December 1959.  
*Cooling the solution of the diazonium salt and/or adding an excess of a compound containing the anion of the diazonium salt and/or adding an inorganic salt such as an alkali halide to the solution.*
65405. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Azo-dyestuffs insoluble in water and process for their manufacture. Accepted on 8th December 1959.  
*Coupling diazonium compound of orthoaminoazo compound with arylamide of 2, 3-hydroxy-naphthoic acid.*
65407. U C L A F. Improvements relating to the purification of vitamin  $\text{B}_{12}$ . Accepted on 8th December 1959.  
*Adding to an aqueous solution of vitamin  $\text{B}_{12}$  an amount of a phenol less than the solubility limit of said phenol in said vitamin  $\text{B}_{12}$  solution.*
66444. E. Kusters. A transportable holding box for material webs in particular for textile webs coming from a previous treatment. Accepted on 4th December 1959.  
*Having a shaft forming a winding mandrel capable of being driven rotatably mounted at its end in a carriage and a drum mounted on the shaft and freely rotatable and capable of being adjusted to any angular position.*
65473. Bhupendra Nath Banerjee and Benoyendra Narayan Roy. Improvements in or relating to plunger pumps. Accepted on 4th December 1959.  
*A lever pivotally connected at one end to a disc, the other end being fixed to one of a series of points in the disc and the lever is connected to plunger rod eccentrically with respect to the disc, and the disc being driven by the output shaft of a gear box whose input shaft is driven by animals or man.*
65583. J. Handley. Improvements in perforating apparatus for perforating the elements of a signal combination. (26th October 1957). Accepted on 8th December 1959.  
*Comprising punches, means for selecting a combination of the punches, punching mechanism including means for effecting movement between punches and tape, and means for selecting punches for succeeding punching operation.*
65627. Ing. L. Franc, Ing. M. Masek, Dr. J. Duben, Z. Belik and J. Bechyne. A device for automatically dispensing water into a concrete mixing machine. Accepted on 5th December 1959.  
*Electric probe immersed into concrete mixture insulated from mixing drum, an electric circuit formed between the probe and drum and a-c. electric source, controlling electromagnetic valve opening or closing water supply to mixing drum and means for adjusting water supply according to final electric resistance of mixture.*
65628. REISHAUER-WERKZEUGE A. G., Aktiengesellschaft. Improvements in or relating to manually operated chuck. Accepted on 8th December 1959.  
*Screw threaded spindle by means of a nut thereon drives a first toothed crown rotatably mounted in the chuck body.*
65797. Siemen & Hirsch m. b. H. Improvements in self-priming vertical centrifugal pumps. Accepted on 5th December 1959.  
*Wherein pump casing subdivided into a suction chamber, pressure chamber, and reservoir, the latter lying outside the impelling current.*
65814. Universal Postal Frankers Limited and F. Parfett. Improvements in or relating to multi-value postal franking machines. Accepted on 4th December 1959.  
*Comprising plurality of selector knobs carried on first step of concentric shafts about which rotary printing element rotates and a second set of concentric shafts mounted in rotary printing element, respective shafts of first set being individually geared to corresponding shafts of second set.*
65908. N. V. De Bataafsche Petroleum Maatschappij. Process for the polymerization of olefins. Accepted on 8th December 1959.  
*In catalytic polymerisation of olefins, the catalyst is produced by treating a composition of oxides of hexavalent Cr, Al and Si with a saturated hydrocarbon.*

65931. U C L A F. Improvements relating to the purification of vitamin B<sub>12</sub>. Accepted on 8th December 1959.
- Reacting a water soluble cuprocyanide of vitamin B<sub>12</sub> with a water soluble zinc salt so as to precipitate a zinccuprocyanide vitamin B<sub>12</sub> complex.*
65932. U C L A F. Improvements relating to the purification of vitamin B<sub>12</sub>. Accepted on 8th December 1959.
- Reacting a water soluble cuprocyanide of vitamin B<sub>12</sub> with a water soluble cupric salt so as to precipitate a cupric cuprocyanide vitamin B complex.*
65946. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to high-pressure mercury vapour discharge lamps having a luminescent screen. Accepted on 9th December 1959.
- Red luminescent substance having molecular composition which satisfies the formula:*
- a.MgO. b.MgF<sub>2</sub>. c.GeO<sub>2</sub>. p.SiO<sub>2</sub>. q.TiO<sub>2</sub>. r.EnO<sub>2</sub>. z.MnO<sub>2</sub>.
65947. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to transistor circuit arrangements with current distribution. Accepted on 9th December 1959.
- Having a first transistor which is connected as an alternating current supply, supplying current to the emitter of a second transistor and means to produce a.c. voltages at the collector and base electrodes of the second transistor.*
65948. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to circuit arrangements for amplifying a supplied signal. Accepted on 9th December 1959.
- The signal to be amplified is fed to a control-electrode of a discharge tube of which the cathode is connected via a resistor, which may be decoupled, to the negative terminal of supply voltage source and also connected via an element having a non-linear current-voltage characteristic curve to the positive terminal of the said source.*
66006. Kugelfischer Georg Schafer & Company. Two-piece roller cage for roller bearings and method of connecting its parts together. Accepted on 4th December 1959.
- Guide member is formed by a closed annular sleeve-like member of substantially cylindrical shape comprising two marginal outer portions and a plurality of parallel portions connecting latter.*
66047. Accles and Pollock Limited. Apparatus for use in the drawing of metal tubes. (10th February 1958). Accepted on 5th December 1959.
- Comprising a reciprocatory head consisting of two parts interconnected by a pair of spring loaded toggle links one of the parts being adapted for attachment to atleast one mandrel which extends through the other part.*
66208. I.K. Chandra. Improvements in or relating to electric fans. Accepted on 9th December 1959.
- Shaft of the fan motor is hollow and is fitted at its fan blades end with a small drum provided with holes on its periphery.*
66244. C. S. Prendergast. Improvements relating to rotary pumps and motors. Accepted on 3rd December 1959.
- Total fluid displacement or total output can be varied from zero to maximum.*
66245. C. S. Prendergast. Improvements relating to pumps or motors. Accepted on 3rd December 1959.
- Each rotor contains a plurality of equidistant pairs of vane accommodating grooves the grooves of each pair being close together.*
66263. W. P. Evans & Son Limited. Improvements relating to papermaking machines. (1st January 1958). Accepted on 8th December 1959.
- A table roll for the paper making machine formed with evenly-distributed apertures throughout its surface.*
66321. W. R. Grace & Co. Electric storage battery separator. Accepted on 4th December 1959.
- Plate separator having on at least one face thereof ribs formed of a material which expands when immersed in battery electrolyte.*
66358. D. P. Asar. Table tennis bats. Accepted on 4th December 1959.
- Having a facing of a sheet of rubber, plastic or like with pimples thereon of hollow section which may be transverse to the face of the bat.*
66438. O. Welter. Improvements relating to washing machines. (20th January 1958). Accepted on 3rd December 1959.
- Washing is effected by means of a liquid stream on which is superimposed vibrations of at least one relatively low frequency and of at least one relatively high frequency.*
66469. Marshall Sons and Company Limited. Improvements in selfpropelling road rollers. (31st January 1958). Accepted on 3rd December 1959.
- Provided means on the frame for reception of ballast between the axes of the rear and forward wheel sets.*
66510. B. & G. Breukink N. V. Traffic detector pad. Accepted on 9th December 1959.
- Comprising one or more electric conductors embedded in the road surface and connected with an oscillation generator circuit means to signal the disturbance of the field caused by the passing traffic to the control of the traffic light.*
66554. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for varying the frequency of an oscillator. Accepted on 9th December 1959.
- The feed back circuits are balanced in such manner that an oscillation supplied from the output electrode of one amplifier to the feed back circuit produces an oscillation zero at the output electrode of the other amplifier.*
66555. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to variable capacitors. Accepted on 9th December 1959.
- Characterised in that use is made of a polygonal sleeve bent from sheet material and having a single continuous slit in combination with a shaft of circular cross-section and circular plate apertures.*
66556. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to circuit arrangements for producing an S-wave control voltage. Accepted on 9th December 1959.
- Characterized in that the saw-tooth generator is connected if desired via a series impedance, to an element having a non-linear current-voltage characteristic curve whilst the output terminals are connected to the ends of the element.*
66744. Hindusthan Plastics Limited. A soap sac. Accepted on 4th December 1959.
- Having a pouch like container open at one end and closed at the other bristles fixed on external surface of the two sides of the sac being integral with the sac and the said sides of the sac extended in the nature of the lips over the open mouth of the sac.*
66758. Metropolitan-Vickers Electrical Company Limited. Improvements relating to steam pipe and valve chest assemblies for steam turbine plants. (25th February 1958). Accepted on 4th December 1959.
- Pipe for conducting steam from a supply source to inlet chambers cross-connections for conducting steam from valve chest to turbine cylinder unit.*

66310. Satyendra Nath Sett. Improvements in or relating to self-filling fountain pens. Accepted on 7th December 1959.

*Comprising a barrel, an inc sac housed therein, a perforated tubular body positioned inside the sac having a diameter smaller than that of the sac, one end of the tubular body is in communication with the passage near the writing extremity and the rear end of the inc sac is provided with a rigid rod.*

66859. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to direct-voltage converters. Accepted on 8th December 1959.

*Including a transistor oscillator fed back via a transformer and a rectifier for the production of an increased direct voltage at a pair of output terminals by rectification of the oscillations.*

67026. Universal Oil Products Company. Process for shifting a double bond in an olefinic hydrocarbon. Accepted on 1st December 1959.

*Effecting reaction at a temperature between 0° and 100°C in the absence of added promoter and in the presence of alkali metal disposed on anhydrous support having surface area of at least 25 square meters per gram.*

67585. Coalite and Chemical Products Limited. Improvements in or relating to the preparation of tar acid fractions. [Divisional date 17th June 1958]. Accepted on 7th December 1959.

*Subjecting tar acid cut to distillation to remove c-alkyl monohydric phenols.*

67924. LEPETIT S.p.A.  $\alpha, \alpha$ -disubstituted- $\beta$ -aminopropionic acid (6th May 1957). [Divisional date 5th May 1958] Accepted on 7th December 1959.

*Hydrogenating an  $\alpha, \alpha$ -disubstituted cyanoacetic acid alkyl ester with Raney nickel in an inert atmosphere.*

#### Opposition Proceedings

##### (1)

The application for a patent No. 57343 made by E. Belik, Ing. M. Herold and RNDR J. Doskocil, in respect of which an opposition was entered by Alembic Chemical Works Co. Ltd., as notified in Part III, Section 2 of the Gazette of India dated 19th April 1958, has been treated as abandoned.

##### (2)

The opposition entered by Dumex Private Limited to the grant of a patent an application No. 58620 made by Bijoy Banerjee, as notified in Part III, Section 2 of the Gazette of India dated 20th July 1957, has been disallowed. A patent will be sealed thereon subject to the amendment of the specification.

#### Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from Officer-in-Charge, Government of India, Central Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

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#### Amendment Proceedings

##### (1)

The amendment proposed by Laboratory for Electronics Inc., in respect of Patent application No. 58291 as advertised in the Gazette of India, Part III, Section 2, dated the 8th August 1959 has been allowed.

##### (2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Vitamins Limited, a British Company of 23 Upper Mall, Hammersmith, London, W. 6, England, seek leave to amend the description and claims in the specification in respect of patent Application No. 62000. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta 17. The proposed amendment may be seen free of charge at the Patent Office, or copies thereof may be obtained from the Patent Office on payment of the usual charges.

#### Registration of Assignments, Licences, Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

22410 }  
32079 } —G. D. Khanna and Lal Chand Khanna.  
32279 }  
58399 }

44256 }  
48160 } —International Computers and Tabulators  
49715 } Limited.  
49939 }  
50360 }  
50534 }  
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54528 }

33592 }  
44300 } —Corn Products Company.  
59878 }  
62176 }  
63517 }

51975 } —David Brown Industries Limited.  
53389 }

54943 —Johnson & Johnson.

58232 —Brunt Variable Speed Motors Limited.

58741 —Union Chimique Belge Societe Anonyme.

62100 —Trubenised (Gt. Britain) Limited.

#### Renewal Fees Paid

27028. 27085. 27106. 27107. 28073. 28545. 28596. 29294. 29296. 30299. 31815. 32037. 32056. 32100. 32950. 33898. 33941. 33942. 33994. 34091. 34129. 34473. 35068. 35292. 36407. 36430. 36561. 36654. 36728. 36821. 37214. 37276. 37559. 38547. 38672. 38673. 38898. 38899. 38900. 38901. 38902. 38934. 39053. 39131. 40549. 40679. 40686. 40836. 40889. 40968. 40970. 42380. 42419. 42520. 42551. 42634. 42635. 43724. 44234. 44259. 44465. 44673. 44854. 45130. 45606. 46210. 46327. 46484. 46494. 46505. 46538. 46551. 46557. 46614. 46629. 46638. 46741. 46784. 46805. 46892. 47171. 47438. 48731. 48761. 48787. 48809. 48805. 48828. 48837. 48940. 48957. 49054. 49447. 49797. 50972. 50977. 51036. 51044. 51073. 51145. 51183. 51189. 51202. 51244. 51337. 51339. 51343. 51597.



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RENEWAL FEES PAID in respect of State Patents under provision of Section 80 of the Indian Patents and Designs Act.

#### Travancore Patents

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#### Mysore Patents

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#### Extension of Term of Patent

Notice is hereby given that a petition under Section 15 of the Indian Patents and Designs Act, 1911 for extension of the term of patent No. 26688 for "Improved method for the manufacture of refractory material" has been left at the Patent Office on behalf of The Tata Iron and Steel Company Limited, having its registered office at Bombay, India. The petition may be inspected at the Patent Office, 214, Lower Circular Road, Calcutta 17. Any person desirous of opposing the grant of extension of the term of this patent shall within two months from the date of this notification lodge with the Controller of Patents and Designs at the above address, a notice on Form 6 of the Indian Patents and Designs Rules, 1933 and shall at the same time serve a copy of such notice upon the petitioners C/o Messrs L. S. Davar & Co., Norton Buildings, Calcutta.

#### Cessation of Patents

33110. 38060. 41858. 41859. 41861. 41867. 43675. 43676. 45693.  
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 55217. 55244. 55246. 55257. 55258. 55267. 58206.

#### Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 99431, Ogale Glass Works Limited, (An Indian Public Limited Company Registered, under the Indian Companies' Act VII of 1913), of Ogalewadi (Post), District North Satara, Bombay State, India, "A lamp shade", May 19, 1959.

Class 1. No. 100925, Swadeshi Type Foundry carrying on business at No. 31, Guruvappa Chetty Street, Chintadripet, Madras, a firm registered under the Indian partnership Act, Indian subjects, "Printing types", August 25, 1959.

Class 3. No. 100926, Swadeshi Type Foundry carrying on business at No. 51, Guruvappa Chetty Street, Chintadripet, Madras, a firm registered under the Indian partnership Act, Indian subjects, "Printing types", August 25, 1959.

Class 3. No. 101567, Motco Plastics, an Indian Partnership firm of 1st Marine Street, Fort, Bombay 1, City of Bombay, State of Bombay, India, "A comb", October 14, 1959.

Class 5. No. 100949, Enarpee Products (India) Inc., 40, Chhoti Gwal Toli, Indore (M.P.) Indian Partnership firm, "Cartons", August 27, 1959.

Class 5. No. 100950, Raja Corporation, Kalupur Road, Opp. Mamulayak's Polo, Ahmedabad, (Bombay), an Indian Partnership firm, "Label", August 27, 1959.

Class 5. Nos. 101324 and 101325, Hiralal Arora, a Hindu, Indian subject, Proprietor of Hindustan Cosmetics Products, of 197, Mahatma Gandhi Road, Calcutta, West Bengal, India, "Carton", September 23, 1959.

Class 5. No. 101436, Societe OMARO S.A., (Fondee a PARIS en 1928), of 13, rue de la Nation, Paris 18, France, a French Company, "A blank for a slide rule cursor", September 30, 1959.

Class 5. No. 101586, Harbans Singh and Pritpal Singh, Indian, Citizens, trading as Weldon Sales Corporation, Narain Market, Sadar Bazar, Delhi 6, "Carton", October 17, 1959.

Class 13. Nos. 101876 to 101881, The Khatau Makanji Spg. Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", November 3, 1959.

Class 13. Nos. 101829 to 101833, The Khatau Makanji Spg. and Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", October 27, 1959.

Class 13. Nos. 101711 to 101721 and 101723 to 101729, Jiya-jeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", October 20, 1959.

Class 13. Nos. 99749 to 99751, Shree Ram Mills Limited, Fergusson Road, Parel, Bombay 13, India, a Company Incorporated in India, "Textile goods", June 8, 1959.

Class 13. Nos. 101666 to 101672, 101674 to 101679, 101681 and 101684, The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company of Navsari, Bombay State, "Textile goods", October 20, 1959.

Class 13. No. 101827, The Asoka Mills Ltd., Naroda Road, Post Box No. 1050, Ahmedabad, Indian Company, "Cotton textile fabrics", October 27, 1959.

Class 13. Nos. 101785 to 101788, Shree Ram Mills Limited, Fergusson Road, Parel, Bombay 13, India, a Company Incorporated in India, "Textile piecegoods", October 26, 1959.

Class 13. Nos. 101649 to 101652, The Navjivan Mills Private Limited, an Indian Company incorporated under the Indian Companies Act, of Kalol, (North Gujarat), "Textile piecegoods", October 20, 1959.

Class 13. No. 101565, The Asoka Mills Ltd., Post Box No. 1050, Naroda Road, Ahmedabad, Indian Company, "Cotton textile fabrics", October 13, 1959.

Class 13. No. 101564, The Asoka Mills Ltd., P.B. No. 1050, Naroda Road, Ahmedabad 2, Indian Company, "Cotton textile fabrics", October 13, 1959.

Class 13. No. 101482, The Khatau Makanji Spg. & Wvg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", October 6, 1959.

Class 13. Nos. 101196 to 101200, Crown Spg. & Mfg. Co. Ltd., Gokhale Road, (South), Parel, Bombay 13, Indian Co., "Textile goods", September 12, 1959.

Class 13. Nos. 99738, 99740 and 99754 to 99757, Shree Ram Mills Limited, Fergusson Road, Parel, Bombay 13, India, a Company incorporated in India, "Textile piecegoods", June 8, 1959.

Class 14. Nos. 101665, 101673, 101680, 101682, 101683 and 101685, The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company of Navsari, Bombay State, "Textile goods", October 20, 1959.

Class 14. Nos. 101883 and 101884, The Tata Mills Ltd., an Indian Company of Bombay House, Bruce Street, Fort, Bombay, "Textile goods", November 3, 1959.

Class 14. Nos. 100898 and 100899, Calico Dyeing & Printing Mills Private Ltd., Industrial Estates, 41E, Parel Chawl Road, Lalbaug, Bombay 12, Indian Business concern, (Private Limited Company), "Textile goods including silks and art-silk piecegoods", August 19, 1959.

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